



## *Who are we?*

**Pasquale Chiaiese**, Plant Genetics, involved in research on:

- Phyco- and phytoremediation of aromatic compounds and heavy metals
- Identification of microalgae and plant able to grow in several waste environment
- Biotechnology based improvement of microalgae and plants for bioremediation

**Maria A. Rao**, Soil Biochemistry, involved in research on:

- Soil enzymes as bioindicators of soil quality
- Fate of prion protein in soil colloids (EU project)
- Detoxification of OMW by biotic and abiotic catalysts (EU project)
- Monitoring of soil quality in contaminated sites (EU project)



## ***We are interested in:***

- Detoxification of agricultural, urban and industrial wastes
- Re-use of wastes
- Recovery of by-products useful for industrial applications

## ***We can count on:***

- More than 500 strains of microalgae collected at ACUF of University of Naples Federico II
- Experimental fields for pilot scale research
- Availability of wastes from different agricultural activities



ACUF Algal Collection at  
University Federico II, Naples

**Contacts:** [mariarao@unina.it](mailto:mariarao@unina.it) [chiaiese@unina.it](mailto:chiaiese@unina.it)  
<http://www.dipartimentodiagraria.unina.it>

*olive oil mill waste water*



*microalgae*

